



Search Report

EIC 1700

STIC Database Tracking Number: 245355

To: CHRISTINE TIERNEY
Location: REM-8A19
Art Unit: 1700
Monday, December 10, 2007

Case Serial Number: 10/815192

From: KENDRA BANKS
Location: EIC1700
REM-4B28 / REM-4A28
Phone: (571)272-2516

kendra.banks@uspto.gov

Search Notes

Examiner TIERNEY:

No Cases Reported

US 5,968,212



PATNO IS 5968212

DATE: DECEMBER 10, 2007
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 5968212

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 5968212 , October 19, 1999 , Apparatus for gasification of combustion and waste materials containing carbon and ash, Peise, Helmut - Freiberg, Germany (DE); Schingnitz, Manfred - Freiberg, Germany (DE); Degenkolb, Dietmar - Freiberg, Germany (DE), 954361 (08), March 16, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., NOELL-KRC ENERGIE-UND UMWELTTECHNIK GMBH INDUSTRIESTRASSE 70SCHKEUDITZ, (1)04435, Reel and Frame Number: 009101/0936, Noell-KRC Energie-und Umwelttechnik GmbH, Schkeuditz, Germany (DE), Foreign company or corporation (03) , December 22, 2003 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., FUTURE ENERGY GMBH HALSBRUCKER STR. 34FREIBERG, (1)09599, Reel and Frame Number: 014810/0608 December 22, 2003 - CHANGE OF NAME (SEE DOCUMENT FOR DETAILS)., BBP ENVIRONMENT GMBH FABRIK STR. 1GUMMERSBACH, (1)51643, Reel and Frame Number: 014811/0707

CORE TERMS: gasification, cooling, reactor, refractory-grade, chamber, slag, combustion, cooled, ash, lining ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5968212

October 19, 1999

Apparatus for gasification of combustion and waste materials
containing carbon and ash

REISSUE: March 31, 2004 - Reissue Application filed, Ex. Gp.: 1764; Re. S.N.
10/815,192 (O.G. June 29, 2004)

APPL-NO: 954361 (08)

FILED-DATE: October 20, 1997

GRANTED-DATE: October 19, 1999

CORE TERMS: gasification, cooling, reactor, refractory-grade, chamber, slag,
combustion, cooled, ash, lining ...

5968212 OR 5,968,212

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For further explanation, press the H key (for HELP) and then the ENTER key.

5968212 OR 5,968,212

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Current session 10/12/2007

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Last connection: 30/11/07 21*29*56

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Query/Command : FILE PLUSPAT

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Selected file: PLUSPAT

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Individual records for each Country or Patent Office
Coverage: 77 patenting authorities; start dates vary from 1800 forward
For PlusPat Fact Sheet, Pricing and FAQ, see the Questel.Orbit website
Citations and FI/F-term classification available for Japanese documents
Last update of file: 2007/12/07 (YYYY/MM/DD) 2007-49/UP (last update)

Search statement 1

?

Query/Command : US5968212/PN**** SS 1: Results 1**

Search statement 2

?

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5968212 A 19991019 [US5968212]

TI - (A) Apparatus for gasification of combustion and waste materials containing
carbon and ash

PA - (A) KRC UMWELTTECHNIK GMBH (DE)

PA0 - Noell-KRC Energie-und Umwelttechnik GmbH, Schkeuditz [DE]
IN - (A) PEISE HELMUT (DE); SCHINGNITZ MANFRED (DE); DEGENKOLB DIETMAR (DE)
AP - US95436197 19971020 [1997US-0954361]
PR - DE19643258 19961019 [1996DE-1043258]
IC - (A) C07C-001/00 C10J-001/28 F16H-021/40
ICAA - C10J-003/08 [2006-01 A - I R M EP]; C10J-003/48 [2006-01 A - I R M EP]; C10J-003/74 [2006-01 A - I R M EP]
ICCA - C10J-003/00 [2006 C - I R M EP]; C10J-003/02 [2006 C - I R M EP]; C10J-003/48 [2006 C - I R M EP]
EC - C10J-003/08
 C10J-003/48
 C10J-003/74
PCL - ORIGINAL (O) : 048101000; CROSS-REFERENCE (X) : 048074000
 048123000 048197000R 110346000 422139000 585240000
DT - Corresponding document
CT - US4188915; US4343626; US5248316; DE226588; GB394299
STG - (A) United States patent
AB - A device for utilizing combustion, residual and waste materials containing carbon and ash by gasification with an oxygen-containing oxidizing agent at temperatures above the melting point of the inorganic parts in a reaction chamber and at a pressure between ambient pressure and 60 bar. The reaction chamber contour is formed in part by a refractory-grade lining and in part by a cooling system comprising cooling coils connected in a gas-tight manner. The coils are coated with a thin layer of a ceramic mass that conducts heat well on a side facing the reaction chamber. The cooling coils are operated, while being cooled by pressurized water, below or above the boiling point of the cooling water.

1 / 1 LGST - ©EPO

PN - US5968212 A 19991019 [US5968212]
AP - US95436197 19971020 [1997US-0954361]
ACT -
 20031222 US/AS-A
 ASSIGNMENT
 OWNER: FUTURE ENERGY GMBH HALSBRUCKER STR. 34FREIBERG,
 (1; EFFECTIVE DATE: 20030325
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BBP
 ENVIRONMENT GMBH;REEL/FRAME:014810/0608

 20031222 US/AS-A
 ASSIGNMENT
 OWNER: BBP ENVIRONMENT GMBH FABRIK STR. 1GUMMERSBACH,
 (1; EFFECTIVE DATE: 20020614
 CHANGE OF NAME;ASSIGNOR:NOELL-KRC ENERGIE-UND
 UMWELTTECHNIK GMBH;REEL/FRAME:014811/0707

 20040629 US/RF-A

REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040331

UP - 2005-11

1/1 CRXX - ©CLAIMS/RRX

PN - 5,968,212 A 19991019 [US5968212]
PA - Noell-KRC Energie und Umwelttechnik GmbH DE
ACT - 20031222 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: BBP ENVIRONMENT GMBH, DATE SIGNED: 03/25/2003

Assignee: FUTURE ENERGY GMBH, HALSBRUCKER STR. 34, FREIBERG,
GERMANY, 09599

Reel 014810/Frame 0608

Contact: COHEN, PONTANI, LIEBERMAN ET AL., THOMAS C. PONTANI,
551 FIFTH AVENUE, 12TH FLOOR, NEW YORK, NY 10176

20031222 REASSIGNED
CHANGE OF NAME

Assignor: NOELL-KRC ENERGIE-UND UMWELTTECHNIK GMBH, DATE
SIGNED: 06/14/2002

Assignee: BBP ENVIRONMENT GMBH, FABRIK STR. 1,
GUMMERSBACH, GERMANY, 51643

Reel 014811/Frame 0707

Contact: COHEN, PONTANI, LIEBERMAN ET AL., THOMAS C. PONTANI,
551 FIFTH AVENUE, 12TH FLOOR, NEW YORK, NY 10176

20040331 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040629
REISSUE REQUEST NUMBER: 10/815192
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1764

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

LGST - Time in minutes : 0,02

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.02 USD
Records displayed and billed :	1	
	Estimated cost :	0.70 USD
Cost estimated for the last database search :		0.72 USD
Estimated total session cost :		1.38 USD

CRXX - Time in minutes : 0,03

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.05 USD
Records displayed and billed :	1	
	Estimated cost :	6.00 USD
Cost estimated for the last database search :		6.05 USD
Estimated total session cost :		7.43 USD

LITA - Time in minutes : 0,00

The cost estimation below is based on Questel's standard price list

Estimated total session cost :		7.43 USD
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PLUSPAT - Time in minutes : 0,23

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	Estimated cost :	0.67 USD
Records displayed and billed :	1	
	Estimated cost :	1.55 USD
Cost estimated for the last database search :		2.22 USD
Estimated total session cost :		9.65 USD

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Citations and FI/F-term classification available for Japanese documents

Last update of file: 2007/12/07 (YYYY/MM/DD) 2007-49/UP (last update)

Search statement 2

?

Query/Command : FAM US5968212/PN

1 Patent Groups

**** SS 2: Results 3**

Search statement 3

?

Query/Command : FAMSTATE NONSTOP

1 / 3 PLUSPAT - ©QUESTEL-ORBIT

PN - DE19643258 A1 19980423 [DE19643258]
STG - (A1) Doc. Laid open (First publication)
TI - (A1) Gasifier for carbonaceous and ash-bearing fuels and waste materials
OTI - (A1) Vorrichtung zur Verwertung von kohlenstoff- und aschehaltigen Brenn- und Abfallstoffen
PA - (A1) KRC UMWELTTECHNIK GMBH (DE)
IN - (A1) PEISE HELMUT DIPL ING (DE); DEGENKOLB DIETMAR DIPL ING (DE); SCHINGNITZ MANFRED DR ING (DE)
IC - (A1) C10J-003/74
AP - DE19643258 19961019 [1996DE-1043258]
PR - DE19643258 19961019 [1996DE-1043258]
ICAA - C10J-003/08 [2006-01 A - I R M EP]; C10J-003/48 [2006-01 A - I R M EP]; C10J-003/74 [2006-01 A - I R M EP]
ICCA - C10J-003/00 [2006 C - I R M EP]; C10J-003/02 [2006 C - I R M EP]; C10J-003/48 [2006 C - I R M EP]
EC - C10J-003/08
 C10J-003/48
 C10J-003/74
DT - Basic

1 / 1 LEGALI - ©EPO

PN - DE19643258 A1 19980423 [DE19643258]
AP - DE19643258 19961019 [1996DE-1043258]
ACTE - 19980423 DE/OP8-A [+] REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW
 20030807 DE/8139-A [-] DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE
 20030925 DE/8127-A NEW PERSON/NAME/ADDRESS OF THE APPLICANT OWNER: FUTURE ENERGY GMBH, 09599 FREIBERG, DE
 20031120 DE/8170-A [+] REINSTATEMENT OF THE FORMER POSITION
UP - 2003-47

2 / 3 PLUSPAT - ©QUESTEL-ORBIT

PN - SE9703794 D0 19971017 [SE9703794]
STG - (D0) Application filed
OTI - (D0) Anordning för tillvaratagande av kol- och askhaltiga bränslen samt

avfallsprodukt

PA - (D0) KRC UMWELTTECHNIK GMBH (DE)

IN - (D0) PEISE HELMUT; SCHINGNITZ MANFRED; DEGENKOLB DIETMAR

IC - (D0) C10J-001/16

PN2 - SE9703794 A 19980420 [SE9703794]

STG2 - (A) Application filed (number not used)

OTI2 - (A) Anordning för tillvaratagande av kol- och askhaltiga bränslen samt avfallsprodukt

PA2 - (A) KRC UMWELTTECHNIK GMBH (DE)

IN2 - (A) PEISE HELMUT; SCHINGNITZ MANFRED; DEGENKOLB DIETMAR

IC2 - (A) C10J-003/08 C10J-003/74

PN3 - SE9703794 L 19980420 [SE9703794]

STG3 - (L)

OTI3 - (L) Anordning för tillvaratagande av kol- och askhaltiga bränslen samt avfallsprodukt

PA3 - (L) KRC UMWELTTECHNIK GMBH (DE)

IN3 - (L) PEISE HELMUT; SCHINGNITZ MANFRED; DEGENKOLB DIETMAR

IC3 - (L) C10J-001/16 C10J-003/08 C10J-003/74

AP - SE9703794 19971017 [1997SE-0003794]

PR - DE19643258 19961019 [1996DE-1043258]

ICAA - C10J-003/08 [2006-01 A - I R M EP]; C10J-003/48 [2006-01 A - I R M EP]; C10J-003/74 [2006-01 A - I R M EP]

ICCA - C10J-003/00 [2006 C - I R M EP]; C10J-003/02 [2006 C - I R M EP]; C10J-003/48 [2006 C - I R M EP]

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PN - SE9703794 D0 19971017 [SE9703794]SE9703794 A 19980420 [SE9703794]

AP - SE9703794 19971017 [1997SE-0003794]

ACTE - 20040511 SE/NAV-A [-]
PATENT APPLICATION HAS LAPSED

UP - 2004-26

3 / 3 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5968212 A 19991019 [US5968212]

STG - (A) United States patent

TI - (A) Apparatus for gasification of combustion and waste materials containing carbon and ash

PA - (A) KRC UMWELTTECHNIK GMBH (DE)

PA0 - Noell-KRC Energie-und Umwelttechnik GmbH, Schkeuditz [DE]

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C10J-003/74 [2006-01 A - I R M EP]
ICCA - C10J-003/00 [2006 C - I R M EP]; C10J-003/02 [2006 C - I R M EP]; C10J-
003/48 [2006 C - I R M EP]
EC - C10J-003/08
C10J-003/48
C10J-003/74
PCL - ORIGINAL (O) : 048101000; CROSS-REFERENCE (X) : 048074000
048123000 048197000R 110346000 422139000 585240000
DT - Corresponding document

1 / 1 LEGALI - ©EPO

PN - US5968212 A 19991019 [US5968212]
AP - US95436197 19971020 [1997US-0954361]
ACTE - 20031222 US/AS-A
ASSIGNMENT
OWNER: FUTURE ENERGY GMBH HALSBRUCKER STR. 34FREIBERG,
(1; EFFECTIVE DATE: 20030325
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BBP
ENVIRONMENT GMBH;REEL/FRAME:014810/0608

20031222 US/AS-A
ASSIGNMENT
OWNER: BBP ENVIRONMENT GMBH FABRIK STR. 1GUMMERSBACH,
(1); EFFECTIVE DATE: 20020614
CHANGE OF NAME;ASSIGNOR:NOELL-KRC ENERGIE-UND
UMWELTECHNIK GMBH;REEL/FRAME:014811/0707

20040629 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040331
UP - 2005-11

Search statement 3

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Patent Search 5968212 12/10/2007 (1)

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